

10/730070

JP 2001506000 W	May 8, 2001	040	G01N033/53
EP 944833 B1	June 27, 2001	E 000	G01N033/53
DE 69705423 E	August 2, 2001	000	G01N033/53
ES 2160985 T3	November 16, 2001	000	G01N033/53
US 20030148272 A1	August 7, 2003	000	C12Q001/68
US 6660481 B2	December 9, 2003	000	G01N033/53

INT-CL (IPC): C07 K 16/18; C12 N 5/06; C12 N 5/16; C12 Q 1/68; G01 N 33/53; G01 N 33/537; G01 N 33/543; G01 N 33/68

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KNOW	Draw
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
(sandwich with assay) and (collagen with degradation) and (antibodies with collagen)	77

Display Format:

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

10 / 730 070

L5: Entry 23 of 24

File: USPT

Jun 14, 1994

US-PAT-NO: 5320970

DOCUMENT-IDENTIFIER: US 5320970 A

** See image for Certificate of Correction **

TITLE: Detection of collagen degradation in vivo

DATE-ISSUED: June 14, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eyre; David R.	Mercer Island	WA		

US-CL-CURRENT: 436/536; 530/323, 530/356, 530/413

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	------

☐ 24. Document ID: US 5300434 A

L5: Entry 24 of 24

File: USPT

Apr 5, 1994

US-PAT-NO: 5300434

DOCUMENT-IDENTIFIER: US 5300434 A

** See image for Certificate of Correction **

TITLE: Hybridoma cell line producing an antibody to type-I collagen amino-terminal telopeptide

DATE-ISSUED: April 5, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eyre; David R.	Mercer Island	WA		

US-CL-CURRENT: 435/331; 435/345, 530/388.9

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
(type with II) and (collagen with resorption) and (sandwich with assay) and (epitope with fragment)	24

Display Format:

10/730070

=> d 120 1-23

L20 ANSWER 1 OF 23 IFIPAT COPYRIGHT 2005 IFI on STN
AN 10717126 IFIPAT;IFIUDB;IFICDB
TI **SANDWICH ASSAYS FOR COLLAGEN
FRAGMENTS**
IN Christgau Stephan (DK); Qvist Per (DK); Rosenquist Christian (DK)
PA Unassigned Or Assigned To Individual (68000)
PI US 2004224375 A1 20041111
AI US 2003-730070 20031209
RLI US 1999-319539 19990608 CONTINUATION-IN-PART 6660481
PRAI GB 1996-255591 19961209
GB 1997-56873 19970319
FI US 2004224375 20041111
US 6660481
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 6
GI 3 Figure(s).
FIG. 1 shows a calibration curve obtained in Example 5;
FIG. 2 shows the results measured according to the invention in Example 6;
and
FIG. 3 shows the comparative data obtained in Example 6.

L20 ANSWER 2 OF 23 USPATFULL on STN
AN 2005:75784 USPATFULL
TI Compositions and methods for treating cellular response to injury and
other proliferating cell disorders regulated by hyaladherin and
hyaluronans
IN Cruz, Tony, Toronto, CANADA
Pastrak, Aleksandra, Toronto, CANADA
Turley, Eva A., Toronto, CANADA
PA Transition Therapeutics Inc., Toronto, CANADA (non-U.S. corporation)
PI US 2005065085 A1 20050324
AI US 2004-892831 A1 20041129 (10)
RLI Division of Ser. No. US 2001-978309, filed on 15 Oct 2001, PENDING
Continuation-in-part of Ser. No. US 2000-685010, filed on 5 Oct 2000,
PENDING Continuation-in-part of Ser. No. US 2000-541522, filed on 3 Apr
2000, ABANDONED
PRAI US 1999-127457P 19990401 (60)
DT Utility
FS APPLICATION
LN.CNT 5743
INCL INCLM: 514/012.000
INCLS: 530/350.000
NCL NCLM: 514/012.000
NCLS: 530/350.000
IC [7]
ICM: A61K038-17
ICS: C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 3 OF 23 USPATFULL on STN
AN 2005:68508 USPATFULL
TI Compositions and methods for treating cellular response to injury and
other proliferating cell disorders regulated by hyaladherin and
hyalurons
IN Turley, Eva A., Toronto, CANADA
Cruz, Tony F., Toronto, CANADA
PI US 2005058646 A1 20050317
AI US 2004-898675 A1 20041129 (10)
RLI Division of Ser. No. US 2000-685010, filed on 5 Oct 2000, PENDING.

Continuation-in-part of Ser. No. US 2000-541522, filed on 3 Apr 2000,
ABANDONED

PRAI US 1999-127457P 19990401 (60)
DT Utility
FS APPLICATION
LN.CNT 5202
INCL INCLM: 424/145.100
NCL NCLM: 424/145.100
IC [7]

ICM: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 4 OF 23 USPATFULL on STN

AN 2005:62978 USPATFULL

TI Assay of isomerised and/or optically inverted proteins and protein
fragments

IN Christgau, Stephan, Gentofte, DENMARK
Henriksen, Dennis B., Allerod, DENMARK
Cloos, Paul A.C., Kobenhavn, DENMARK

PI US 2005054014 A1 20050310

AI US 2002-154424 A1 20020523 (10)

RLI Continuation of Ser. No. WO 2000-EP11720, filed on 24 Nov 2000, UNKNOWN

PRAI GB 1999-28052 19991126
US 2001-343384P 20011221 (60)

DT Utility
FS APPLICATION

LN.CNT 1031
INCL INCLM: 435/007.900
NCL NCLM: 435/007.900
IC [7]

ICM: G01N033-53

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 5 OF 23 USPATFULL on STN

AN 2005:59180 USPATFULL

TI Compositions and methods for treating cellular response to injury and
other proliferating cell disorders regulated by hyaladherin and
hyaluronans

IN Turley, Eva A., 235 St. Clair Avenue West, Toronto, CANADA M4V 1R4
Cruz, Tony F., 72 Thorncrest Road, Etobicoke, CANADA M9A 1S9

PI US 6864235 B1 20050308

AI US 2000-685010 20001005 (9)

RLI Continuation-in-part of Ser. No. US 2000-541522, filed on 3 Apr 2000,
now abandoned

PRAI US 1999-127457P 19990401 (60)

DT Utility
FS GRANTED

LN.CNT 5174
INCL INCLM: 514/012.000
INCLS: 530/300.000; 530/350.000; 530/324.000; 530/395.000; 435/069.100
NCL NCLM: 514/012.000
NCLS: 435/069.100; 530/300.000; 530/324.000; 530/350.000; 530/395.000
IC [7]

ICM: C07K014-705

EXF 514/12; 514/2; 530/300; 530/350; 530/324; 530/395; 530/387.1; 435/69.1;
435/7.1; 435/320.1; 435/325; 436/86

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 6 OF 23 USPATFULL on STN

AN 2004:286213 USPATFULL

TI **Sandwich assays for collagen
fragments**

IN Rosenquist, Christian, Charlottenlund, DENMARK
Qvist, Per, Klampenborg, DENMARK

Christgau, Stephan, Gentofte, DENMARK
PI US 2004224375 A1 20041111
AI US 2003-730070 A1 20031209 (10)
RLI Continuation-in-part of Ser. No. US 1999-319539, filed on 8 Jun 1999,
GRANTED, Pat. No. US 6660481 A 371 of International Ser. No. WO
1997-EP6803, filed on 5 Dec 1997, UNKNOWN
PRAI GB 1996-25559 19961209
GB 1997-5687 19970319
DT Utility
FS APPLICATION
LN.CNT 944
INCL INCLM: 435/007.930
NCL NCLM: 435/007.930
IC [7]
ICM: G01N033-53
ICS: G01N033-537; G01N033-543
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 7 OF 23 USPATFULL on STN
AN 2004:260575 USPATFULL
TI Uncoupled collagen synthesis and degradation assays
IN Sandell, Linda J., St. Louis, MO, UNITED STATES
Garnero, Patrick, Villeurbanne, FRANCE
PA Barnes-Jewish Hospital (U.S. corporation)
PI US 2004203072 A1 20041014
AI US 2003-705124 A1 20031110 (10)
PRAI US 2002-424941P 20021108 (60)
DT Utility
FS APPLICATION
LN.CNT 2204
INCL INCLM: 435/007.100
NCL NCLM: 435/007.100
IC [7]
ICM: G01N033-53
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 8 OF 23 USPATFULL on STN
AN 2004:184450 USPATFULL
TI Novel secreted proteins and their uses
IN Lu, Deshun, Carmel, IN, UNITED STATES
Song, Ho Yeong, Carmel, IN, UNITED STATES
Su, Eric Wen, Carmel, IN, UNITED STATES
Wang, He, Carmel, IN, UNITED STATES
PI US 2004142333 A1 20040722
AI US 2003-381820 A1 20030327 (10)
WO 2001-US27759 20011010
PRAI US 2000-60241813 20001019
DT Utility
FS APPLICATION
LN.CNT 3982
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 9 OF 23 USPATFULL on STN
AN 2003:237876 USPATFULL
TI Uses of synthetic peptides corresponding to telopeptide sequences of
cross-linked type I collagen metabolites
IN Eyre, David R., Mercer Island, WA, UNITED STATES

PA Washington Research Foundation (U.S. corporation)
 PI US 2003166033 A1 20030904
 AI US 2003-384894 A1 20030307 (10)
 RLI Continuation of Ser. No. US 2000-662751, filed on 15 Sep 2000, ABANDONED
 Continuation of Ser. No. US 1999-457440, filed on 7 Dec 1999, GRANTED,
 Pat. No. US 6143511 Continuation of Ser. No. US 1999-347503, filed on 2
 Jul 1999, GRANTED, Pat. No. US 6100379 Continuation of Ser. No. US
 1999-237176, filed on 25 Jan 1999, GRANTED, Pat. No. US 6048705
 Continuation of Ser. No. US 1998-47144, filed on 24 Mar 1998, GRANTED,
 Pat. No. US 5962639 Continuation of Ser. No. US 1997-803960, filed on 21
 Feb 1997, ABANDONED Continuation of Ser. No. US 1996-664102, filed on 13
 Jun 1996, GRANTED, Pat. No. US 5677198 Continuation of Ser. No. US
 1995-567618, filed on 4 Dec 1995, GRANTED, Pat. No. US 5656439
 Continuation of Ser. No. US 1995-457831, filed on 1 Jun 1995, GRANTED,
 Pat. No. US 5576189 Continuation of Ser. No. US 1994-221705, filed on 1
 Apr 1994, GRANTED, Pat. No. US 5473052 Continuation of Ser. No. US
 1990-614719, filed on 21 Nov 1990, GRANTED, Pat. No. US 5300434
 Continuation-in-part of Ser. No. US 1989-444881, filed on 1 Dec 1989,
 GRANTED, Pat. No. US 5140103 Continuation-in-part of Ser. No. US
 1987-118234, filed on 6 Nov 1987, GRANTED, Pat. No. US 4973666
 DT Utility
 FS APPLICATION
 LN.CNT 1398
 INCL INCLM: 435/007.940
 INCLS: 436/523.000; 435/007.100; 435/007.900; 436/528.000; 530/323.000;
 530/327.000; 530/356.000; 530/387.100; 530/388.100; 530/388.850;
 530/389.100; 530/391.100
 NCL NCLM: 435/007.940
 NCLS: 436/523.000; 435/007.100; 435/007.900; 436/528.000; 530/323.000;
 530/327.000; 530/356.000; 530/387.100; 530/388.100; 530/388.850;
 530/389.100; 530/391.100
 IC [7]
 ICM: C07K017-14
 ICS: A61K038-17; C09H001-00; A61K038-04; C07K017-00; C07K007-00;
 G01N033-543; G01N033-542; G01N033-53; C07K005-00; A61K038-00;
 C07K014-00; G01N033-544; C12P021-08
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 10 OF 23 USPATFULL on STN
 AN 2003:213635 USPATFULL
 TI SANDWICH ASSAYS FOR COLLAGEN TYPE I
 FRAGMENTS
 IN ROSENQUIST, CHRISTIAN, CHARLOTTENLUND, DENMARK
 QVIST, PER, KLAMPENBORG, DENMARK
 PI US 2003148272 A1 20030807
 US 6660481 B2 20031209
 AI US 1999-319539 A1 19990608 (9)
 WO 1997-EP6803 19971205
 PRAI GB 1996-25559 19961209
 GB 1997-5687 19970319
 DT Utility
 FS APPLICATION
 LN.CNT 895
 INCL INCLM: 435/006.000
 INCLS: 435/007.100; 435/345.000
 NCL NCLM: 435/007.100
 NCLS: 435/007.920; 435/007.930; 435/007.940; 435/007.950; 435/331.000;
 436/518.000; 436/536.000; 436/548.000; 436/815.000; 530/300.000;
 530/323.000; 530/328.000; 530/387.900; 530/388.100; 530/391.100;
 530/391.300
 IC [7]
 ICM: C12Q001-68
 ICS: G01N033-53; C12N005-06; C12N005-16
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 11 OF 23 USPATFULL on STN
 AN 2003:146743 USPATFULL
 TI Compositions and methods for treating cellular response to injury and other proliferating cell disorders regulated by hyaladherin and hyaluronans
 IN Cruz, Tony, Toronto, CANADA
 Pastrak, Aleksandra, Toronto, CANADA
 Turley, Eva A., Toronto, CANADA
 PI US 2003100490 A1 20030529
 AI US 2001-978309 A1 20011015 (9)
 RLI Continuation-in-part of Ser. No. US 2000-685010, filed on 5 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-541522, filed on 3 Apr 2000, ABANDONED
 PRAI US 1999-127457P 19990401 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 4853
 INCL INCLM: 514/012.000
 INCLS: 530/350.000
 NCL NCLM: 514/012.000
 NCLS: 530/350.000
 IC [7]
 ICM: C07K014-435
 ICS: A61K038-17
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 12 OF 23 USPATFULL on STN
 AN 2000:149931 USPATFULL
 TI Sandwich immunoassays for collagen type II degradation products
 IN Eyre, David R., Mercer Island, WA, United States
 PA Washington Research Foundation, Seattle, WA, United States (U.S. corporation)
 PI US 6143511 ✓ 20001107
 AI US 1999-457440 19991207 (9)
 RLI Continuation of Ser. No. US 1999-347503, filed on 2 Jul 1999 which is a continuation of Ser. No. US 1999-237176, filed on 25 Jan 1999, now patented, Pat. No. US 6048705 which is a continuation of Ser. No. US 1998-47144, filed on 24 Mar 1998, now patented, Pat. No. US 5962639 which is a continuation of Ser. No. US 1997-803960, filed on 21 Feb 1997, now abandoned which is a continuation of Ser. No. US 1996-664102, filed on 13 Jun 1996, now patented, Pat. No. US 5677198 which is a continuation of Ser. No. US 1995-567618, filed on 4 Dec 1995, now patented, Pat. No. US 5656439 which is a continuation of Ser. No. US 1995-457831, filed on 1 Jun 1995, now patented, Pat. No. US 5576189 which is a continuation of Ser. No. US 1994-221705, filed on 1 Apr 1994, now patented, Pat. No. US 5473052 which is a continuation of Ser. No. US 1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US 5300434 which is a continuation-in-part of Ser. No. US 1989-444881, filed on 1 Dec 1989, now patented, Pat. No. US 5140103 which is a continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987, now patented, Pat. No. US 4973666 And a continuation of Ser. No. US 1999-326335, filed on 7 Jun 1999
 DT Utility
 FS Granted
 LN.CNT 1690
 INCL INCLM: 435/007.940
 INCLS: 435/007.100; 435/007.900; 436/523.000; 436/528.000; 530/323.000; 530/327.000; 530/356.000; 530/387.100; 530/388.100; 530/388.850; 530/389.100; 530/391.100
 NCL NCLM: 435/007.940
 NCLS: 435/007.100; 435/007.900; 436/523.000; 436/528.000; 530/323.000; 530/327.000; 530/356.000; 530/387.100; 530/388.100; 530/388.850;

530/389.100; 530/391.100

IC [7]
ICM: G01N033-53
ICS: G01N033-537
EXF 435/7.1; 435/7.9; 435/7.94; 436/523; 436/528; 530/323; 530/327; 530/356;
530/387.1; 530/388.1; 530/388.85; 530/389.1; 530/391.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 13 OF 23 USPATFULL on STN
AN 2000:102411 USPATFULL
TI Synthetic peptides corresponding to telopeptide sequences of
cross-linked **type II collagen** metabolites
IN Eyre, David R., Mercer Island, WA, United States
PA Washington Research Foundation, Seattle, WA, United States (U.S.
corporation)
PI US 6100379 20000808
AI US 1999-347503 19990702 (9)
RLI Continuation of Ser. No. US 1999-237176, filed on 25 Jan 1999, now
patented, Pat. No. US 6048705 which is a continuation of Ser. No. US
1998-47144, filed on 24 Mar 1998, now patented, Pat. No. US 5962639
which is a continuation of Ser. No. US 1997-803960, filed on 21 Feb
1997, now abandoned which is a continuation of Ser. No. US 1996-664102,
filed on 13 Jun 1996, now patented, Pat. No. US 5677198 which is a
continuation of Ser. No. US 1995-567618, filed on 4 Dec 1995, now
patented, Pat. No. US 5656439 which is a continuation of Ser. No. US
1995-457831, filed on 1 Jun 1995, now patented, Pat. No. US 5576189
which is a continuation of Ser. No. US 1994-221705, filed on 1 Apr 1994,
now patented, Pat. No. US 5473052 which is a continuation of Ser. No. US
1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US 5300434
which is a continuation-in-part of Ser. No. US 1989-444881, filed on 1
Dec 1989, now patented, Pat. No. US 5140103 which is a
continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987,
now patented, Pat. No. US 4973666
DT Utility
FS Granted
LN.CNT 1678
INCL INCLM: 530/326.000
INCLS: 530/350.000; 530/332.000; 530/356.000
NCL NCLM: 530/326.000
NCLS: 530/332.000; 530/350.000; 530/356.000
IC [7]
ICM: A61K038-04
EXF 530/350; 530/356; 530/323-330; 530/332
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 14 OF 23 USPATFULL on STN
AN 2000:43945 USPATFULL
TI Sandwich immunoassays for **collagen** type I degradation products
IN Eyre, David R., Mercer Island, WA, United States
PA Washington Research Foundation, Seattle, WA, United States (U.S.
corporation)
PI US 6048705 20000411
AI US 1999-237176 19990125 (9)
RLI Continuation of Ser. No. US 1998-47144, filed on 24 Mar 1998, now
patented, Pat. No. US 5962639 which is a continuation of Ser. No. US
1997-803960, filed on 21 Feb 1997, now abandoned which is a continuation
of Ser. No. US 1996-664102, filed on 13 Jun 1996, now patented, Pat. No.
US 5677198 which is a continuation of Ser. No. US 1995-567618, filed on
4 Dec 1995, now patented, Pat. No. US 5656439 which is a continuation of
Ser. No. US 1995-457831, filed on 1 Jun 1995, now patented, Pat. No. US
5576189 which is a continuation of Ser. No. US 1994-221705, filed on 1
Apr 1994, now patented, Pat. No. US 5473052 which is a continuation of
Ser. No. US 1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US
5300434 which is a continuation-in-part of Ser. No. US 1989-444881,

filed on 1 Dec 1989, now patented, Pat. No. US 5140103 which is a continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987, now patented, Pat. No. US 4973666

DT Utility
FS Granted
LN.CNT 1813
INCL INCLM: 435/007.920
INCLS: 435/007.100; 435/331.000; 436/518.000; 436/536.000; 530/323.000;
530/326.000; 530/327.000; 530/356.000; 530/387.900; 530/388.850;
530/389.100
NCL NCLM: 435/007.920
NCLS: 435/007.100; 435/331.000; 436/518.000; 436/536.000; 530/323.000;
530/326.000; 530/327.000; 530/356.000; 530/387.900; 530/388.850;
530/389.100
IC [7]
ICM: G01N033-53
EXF 435/7.1; 435/7.9; 435/7.91; 435/7.92; 435/7.94; 435/331; 436/518;
436/531; 436/536; 436/540; 530/323; 530/326; 530/327; 530/356;
530/387.9; 530/388.85; 530/389.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 15 OF 23 USPATFULL on STN
AN 2000:1706 USPATFULL
TI Assay for **collagen** degradation
IN Te Koppele, Johannes Maria, Leiderdorp, Netherlands
Beekman, Bob, Leiden, Netherlands
PA Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek
TNO, Netherlands (non-U.S. corporation)
PI US 6010863 20000104
AI US 1997-931820 19970916 (8)
PRAI EP 1996-202596 19960917
DT Utility
FS Granted
LN.CNT 775
INCL INCLM: 435/007.100
INCLS: 435/007.900; 435/007.920; 435/007.940; 435/975.000; 436/518.000;
436/531.000
NCL NCLM: 435/007.100
NCLS: 435/007.900; 435/007.920; 435/007.940; 435/975.000; 436/518.000;
436/531.000
IC [6]
ICM: G01N033-53
EXF 435/7.1; 435/7.9; 435/7.92; 435/7.94; 435/975; 436/518; 436/531
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 16 OF 23 USPATFULL on STN
AN 1999:121540 USPATFULL
TI Synthetic peptides corresponding to telopeptide sequences of
cross-linked type I **collagen** metabolites
IN Eyre, David R., Mercer Island, WA, United States
PA Washington Research Foundation, Seattle, WA, United States (U.S.
corporation)
PI US 5962639 19991005
AI US 1998-47144 19980324 (9)
RLI Continuation of Ser. No. US 1997-803960, filed on 21 Feb 1997 which is a
continuation of Ser. No. US 1996-664102, filed on 13 Jun 1996, now
patented, Pat. No. US 5677198 which is a continuation of Ser. No. US
1995-567618, filed on 4 Dec 1995, now patented, Pat. No. US 5656439
which is a continuation of Ser. No. US 1995-457831, filed on 1 Jun 1995,
now patented, Pat. No. US 5576189 which is a continuation of Ser. No. US
1994-221705, filed on 1 Apr 1994, now patented, Pat. No. US 5473052
which is a continuation of Ser. No. US 1990-614719, filed on 21 Nov
1990, now patented, Pat. No. US 5300434 which is a continuation-in-part
of Ser. No. US 1989-444881, filed on 1 Dec 1989, now patented, Pat. No.

US 5140103 which is a continuation-in-part of Ser. No. US 1987-118234,
filed on 6 Nov 1987, now patented, Pat. No. US 4973666

DT Utility
FS Granted
LN.CNT 1804
INCL INCLM: 530/329.000
INCLS: 530/328.000; 530/356.000; 435/007.100
NCL NCLM: 530/329.000
NCLS: 435/007.100; 530/328.000; 530/356.000
IC [6]
ICM: A61K038-04
EXF 435/7.1; 530/323; 530/326-329; 530/331; 530/356
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 17 OF 23 USPATFULL on STN
AN 1998:61456 USPATFULL
TI **Osteoarthritis**-associated inducible isoform of nitric oxide
synthetase
IN Amin, Ashok R., Union, NJ, United States
Abramson, Steven B., Rye, NY, United States
PA Hospital For Joint Diseases, New York, NY, United States (U.S.
corporation)
PI US 5759836 19980602
AI US 1995-410739 19950327 (8)
DT Utility
FS Granted
LN.CNT 2100
INCL INCLM: 435/189.000
INCLS: 435/184.000
NCL NCLM: 435/189.000
NCLS: 435/184.000
IC [6]
ICM: C12N009-02
ICS: C12N009-99
EXF 435/25; 435/172.3; 435/184; 435/189; 435/320.1; 536/23.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 18 OF 23 USPATFULL on STN
AN 97:94131 USPATFULL
TI Assay for peptide metabolites from the amino-terminal telopeptide domain
of type I **collagen**
IN Eyre, David R., Mercer Island, WA, United States
PA Washington Research Foundation, Seattle, WA, United States (U.S.
corporation)
PI US 5677198 19971014
AI US 1996-664102 19960613 (8)
RLI Continuation of Ser. No. US 1995-457831, filed on 1 Jun 1995, now
patented, Pat. No. US 5576189 which is a continuation of Ser. No. US
1994-221705, filed on 1 Apr 1994, now patented, Pat. No. US 5473052
which is a continuation of Ser. No. US 1990-614719, filed on 21 Nov
1990, now patented, Pat. No. US 5300434 which is a continuation-in-part
of Ser. No. US 1989-444881, filed on 1 Dec 1989, now patented, Pat. No.
US 5140103 which is a continuation-in-part of Ser. No. US 1987-118234,
filed on 6 Nov 1987, now patented, Pat. No. US 4973666
DT Utility
FS Granted
LN.CNT 1600
INCL INCLM: 436/518.000
INCLS: 436/536.000; 530/387.900
NCL NCLM: 436/518.000
NCLS: 436/536.000; 530/387.900
IC [6]
ICM: G01N033-536
ICS: G01N033-543

EXF 435/7.93; 435/7.94; 436/23; 436/518; 436/536; 530/387.9
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 19 OF 23 USPATFULL on STN
AN 97:70882 USPATFULL
TI **Antibody** to type-I collagen carboxy-terminal
telopeptide
IN Eyre, David R., Mercer Island, WA, United States
PA Washington Research Foundation, Seattle, WA, United States (U.S.
corporation)
PI US 5656439 19970812
AI US 1995-567618 19951204 (8)
RLI Continuation of Ser. No. US 1994-221705, filed on 1 Apr 1994, now
patented, Pat. No. US 5473052 which is a continuation of Ser. No. US
1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US 5300434
which is a continuation-in-part of Ser. No. US 1989-444881, filed on 1
Dec 1989, now patented, Pat. No. US 5140103 which is a
continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987,
now patented, Pat. No. US 4973666
DT Utility
FS Granted
LN.CNT 1599
INCL INCLM: 435/007.100
INCLS: 436/518.000; 436/536.000; 530/387.900
NCL NCLM: 435/007.100
NCLS: 436/518.000; 436/536.000; 530/387.900
IC [6]
ICM: G01N033-536
ICS: C07K016-18
EXF 435/7.1; 436/518; 436/536; 530/387.9
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 20 OF 23 USPATFULL on STN
AN 96:106362 USPATFULL
TI **Antibody** to type-I collagen amino-terminal
telopeptide
IN Eyre, David R., Mercer Island, WA, United States
PA Washington Research Foundation, Seattle, WA, United States (U.S.
corporation)
PI US 5576189 19961119
AI US 1995-457831 19950601 (8)
RLI Continuation of Ser. No. US 1994-221705, filed on 1 Apr 1994, now
patented, Pat. No. US 5473052 which is a continuation of Ser. No. US
1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US 5300434
which is a continuation-in-part of Ser. No. US 1989-444881, filed on 1
Dec 1989, now patented, Pat. No. US 5140103 which is a
continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987,
now patented, Pat. No. US 4973666
DT Utility
FS Granted
LN.CNT 1504
INCL INCLM: 435/007.930
INCLS: 435/007.940; 435/240.270; 436/518.000; 530/387.900
NCL NCLM: 435/007.930
NCLS: 435/007.940; 435/331.000; 436/518.000; 530/387.900
IC [6]
ICM: G01N033-53
ICS: G01N033-543; C07K016-18; C12N005-20
EXF 530/387.9; 435/240.27; 435/7.83; 435/7.84; 435/7.9; 435/7.93; 435/7.92;
435/7.94; 436/531; 436/535; 436/548; 436/518
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 21 OF 23 USPATFULL on STN
AN 95:108269 USPATFULL

TI Antigen-binding **fragments** of an **antibody** to type-I
 collagen amino-terminal telopeptide
 IN Eyre, David R., Mercer Island, WA, United States
 PA Washington Research Foundation, Seattle, WA, United States (U.S.
 corporation)
 PI US 5473052 19951205
 AI US 1994-221705 19940401 (8)
 RLI Continuation of Ser. No. US 1990-614719, filed on 21 Nov 1990, now
 patented, Pat. No. US 5300434 which is a continuation-in-part of Ser.
 No. US 1989-444881, filed on 1 Dec 1989, now patented, Pat. No. US
 5140103 which is a continuation-in-part of Ser. No. US 1987-118234,
 filed on 6 Nov 1987, now patented, Pat. No. US 4973666
 DT Utility
 FS Granted
 LN.CNT 1482
 INCL INCLM: 530/387.900
 NCL NCLM: 530/387.900
 IC [6]
 ICM: C07K016-18
 EXF 435/240.2; 530/387; 530/388; 530/387.9
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 22 OF 23 USPATFULL on STN
 AN 94:28681 USPATFULL
 TI Hybridoma cell line producing an **antibody** to type-I
 collagen amino-terminal telopeptide
 IN Eyre, David R., Mercer Island, WA, United States
 PA Washington Research Foundation, Seattle, WA, United States (U.S.
 corporation)
 PI US 5300434 19940405
 AI US 1990-614719 19901121 (7)
 RLI Continuation-in-part of Ser. No. US 1989-444881, filed on 1 Dec 1989,
 now patented, Pat. No. US 5140103 which is a continuation-in-part of
 Ser. No. US 1987-118234, filed on 6 Nov 1987, now patented, Pat. No. US
 4973666
 DT Utility
 FS Granted
 LN.CNT 1417
 INCL INCLM: 435/240.200
 INCLS: 435/172.200; 530/388.900
 NCL NCLM: 435/331.000
 NCLS: 435/345.000; 530/388.900
 IC [5]
 ICM: C12N005-20
 ICS: C07K015-28
 EXF 436/548; 530/332; 530/326; 530/327; 530/328; 530/388; 530/388.9;
 435/7.1; 435/240.2
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 23 OF 23 USPAT2 on STN
 AN 2003:213635 USPAT2
 TI **Sandwich assays** for **collagen** type I
 fragments
 IN Rosenquist, Christian, Charlottenlund, DENMARK
 Qvist, Per, Klampenborg, DENMARK
 PA Osteometer Biotech A/S, Herlev, DENMARK (non-U.S. corporation)
 PI US 6660481 B2 20031209
 WO 9826286 19980618
 AI US 1999-319539 19990608 (9)
 WO 1997-EP6803 19971205
 PRAI GB 1996-25559 19961209
 GB 1997-5687 19970319
 DT Utility
 FS GRANTED

LN.CNT 1153

INCL INCLM: 435/007.100

INCLS: 435/007.920; 435/007.930; 435/007.940; 435/007.950; 435/331.000;
436/518.000; 436/536.000; 436/548.000; 436/815.000; 530/300.000;
530/323.000; 530/328.000; 530/387.900; 530/388.100; 530/391.100;
530/391.300

NCL NCLM: 435/007.100

NCLS: 435/007.920; 435/007.930; 435/007.940; 435/007.950; 435/331.000;
436/518.000; 436/536.000; 436/548.000; 436/815.000; 530/300.000;
530/323.000; 530/328.000; 530/387.900; 530/388.100; 530/391.100;
530/391.300

IC [7]

ICM: G01N033-53

EXF 435/7.1; 435/7.92; 435/7.93; 435/7.94; 435/7.95; 435/331; 436/518;
436/536; 436/548; 436/815; 530/300; 530/323; 530/328; 530/387.9;
530/388.1; 530/391.1; 530/391.3

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

10/730070

1862 S	SANDWICH ASSAY? AND (COLLAGEN OR TYPE II COLLAGEN) AND ANTIBO
L12	167 S L11 AND RESORP?
L13	151 S L12 AND EPITO?
L14	149 S L13 AND EPITOPE?
L15	2 S L14 AND EKGPD
L16	145 S L14 AND FRAGMEN?
L17	140 S AMINO ACID? AND L16
L18	136 S L17 AND COMPLEX?
L19	122 S L18 AND (CARTILAGE RESORPTION OR OSTEOARTHRITIS OR ARTHRITIS
L20	23 S COLLAGEN TYPE II AND L19

=>